



ETM 80

The ETM series is equipped with state of the art technologies meant to bend with or without mandrel tubes and profiles, and capable of bending both in right and left direction. It allows to bend tubes with a range diameter **from 8 mm up to 168 mm** and it can make curves **over 180°** with top finish quality for a minimum bending radius of 3 x the tube diameter. Every ETM machine is manufactured from single welded steel block and the toolings are machined from solid steel.

The system of **counter formers** is specifically designed to reduce mechanical effort and to make the bending operation faster than other brands machines of the same category, thus granting a very good finishing even when bending very thin wall thicknesses.

Thanks to its **new software** technology called "Digital Bend Programming Touch Screen", this machine is extremely easy to use: this software in fact was specifically studied for our machines and enables to select up to **49 programs** each of them with a 8-stop bending angle - sequence and to automatically adjust the material springiness (*springback*). Moreover, it allows to save and store one's projects as repeatable programs.

Technical specifications

	ETM 60	ETM 80	ETM 90	ETM 120	ETM 150
Motor power	KW 2	KW 2,2	KW 2,2	KW 3,5	KW 5,5
Rotation speed	5 g/1' *	2,5 g/1' *	1,5 g/1' *	1 g/1' *	0-5 g/1'
Gears	In oil	In oil	In oil	In oil	In oil
Weight	210 kg	560 kg	800 kg	1050 kg	2500 kg
Dimensions (mm)	600x500x950	810x1100x1200	870x1250x1300	1200x1300x1300	1700x1400x1600

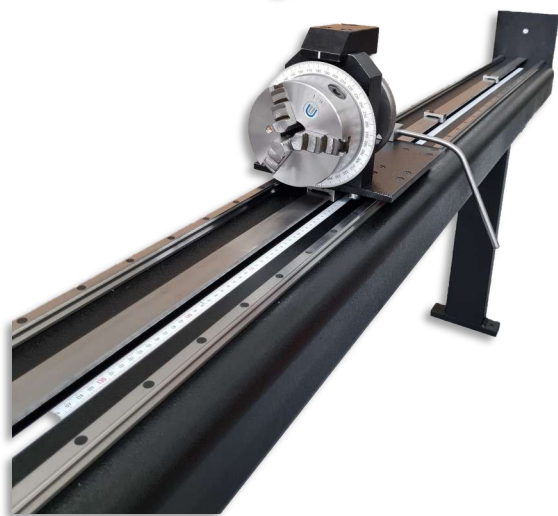
* possibility of variable speed.



ETM 60



ETM 90



Positioner



Length and rotation measuring system with digital display

Maximum capacities (mm)

Material	ETM 60	ETM 80	ETM 90	ETM 120	ETM 150
FE	60 x 4	76 x 6	90 x 6	114 x 8	168 x 7
Aluminium	60 x 8	76 x 8	90 x 10	140 x 7	168 x 10
INOX AISI 308	60 x 3	76 x 4	90 x 4	114 x 6	168 x 5,5
Solid round	45	55	65	85	110
Square pipe	50 x 3	60 x 4	80 x 4	110 x 5	140 x 6

All data may be subject to change without notice.